

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**  
( Not for submission under 37 CFR 1.99)

Application Number	10752462
Filing Date	2004-01-05
First Named Inventor	Darian Muresan
Art Unit	2614
Examiner Name	Unknown
Attorney Docket Number	5896-08600

/A.H./	1	JOE DURAN and CHARLIE SAUER; "Mainstream Videoconferencing - A Developer's Guide to Distance Multimedia"; January 1997; pages 228 - 230; Addison Wesley Longman, Inc.	<input type="checkbox"/>
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/A.H./	15	A.B. LARSEN and E.F. BROWN; "Continuous Presence' Video Conferencing at 1.5-6 Mb/sec"; Teleconferencing and Interactive Media, University of Wisconsin Extension Center for Interactive Programs; 1980; 8 pages.	<input type="checkbox"/>
/A.H./	16	D. DARIAN MURESAN and THOMAS M. PARKS; "Optimal Recovery Demosaicing"; The IASTED Conference on Signal and Image Processing; 2002; 6 pages.	<input type="checkbox"/>
/A.H./	17	RODERICK E. PERKINS; "Spider: Investigation in Collaborative Technologies and Their Effects on Network Performance"; Global Telecommunications Conference; December 1991; pages 2074 - 2080; Vol. 3.	<input type="checkbox"/>
/A.H./	18	NICOLAS ROUSSEL and MICHEL BEAUDOUIN-LAFON; "VideoSpace: A Toolkit for Building Mediaspaces"; 1999; 11 pages.	<input type="checkbox"/>
/A.H./	19	FRED SAMMARTINO and DEAN BLACKKETTER; "Desktop Multimedia Communications - Breaking the Chains"; 1991; 5 pages; Advanced Technology Group Apple Computer, Inc.	<input type="checkbox"/>
/A.H./	20	SCOTT R. SHARER; "What-Is 'HD'/'Hi-De'"; Tandberg presentation; August 2005; 43 pages.	<input type="checkbox"/>
/A.H./	21	MARC H. WILLEBEEK-LEMAIR and ZON-YIN SHAE; "Videoconferencing over Packet-Based Networks" IEEE Journal on Selected Areas in Communications; August 1997; 1101 - 1114; Vol. 15, No. 6.	<input type="checkbox"/>
/A.H./	22	"Polycom Executive Collection"; June 2003; 4 pages; Polycom, Inc.; Pleasanton, CA.	<input type="checkbox"/>

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/A.H./	4	ROSS CUTLER, YONG RUI, ANOOP GUPTA, JJ CADIZ, IVAN TASHEV, LI-WEI HE, ALEX COLBURN, ZHENGYOU ZHANG, ZICHENG LIU and STEVE SILVERBERG; "Distributed Meetings: A Meeting Capture and Broadcasting System"; Multimedia '02; December 2002; 10 pages; Microsoft Research; Redmond, WA.	<input type="checkbox"/>
/A.H./	5	P. H. DOWN; "Introduction to Videoconferencing"; <a href="http://www.video.ja.net/intro/">http://www.video.ja.net/intro/</a> ; 2001; 26 pages.	<input type="checkbox"/>
/A.H./	6	ELAN AMIR, STEVEN MCCANNE, and HUI ZHANG; "An Application Level Video Gateway"; In Proceedings of ACM Multimedia '95; 1995; 18 pages.	<input type="checkbox"/>
/A.H./	7	"Polycom Demonstrates High Definition (HD) Video on Industry Leading VSX Video Communications Platform"; April 26, 2005; 2 pages.	<input type="checkbox"/>
/A.H./	8	TIM HEWSON, CLIFF MCKNIGHT, ANNE CLARKE, and PETER MARSH; "Video Communication"; Desktop Video AGOCG Report; February 24, 1999; 48 pages.	<input type="checkbox"/>
/A.H./	9	BILL BIRNEY and DAVID WORKMAN; "Determining the Shape of Pixels and Frames"; May 2003; 15 pages; Microsoft Corporation.	<input type="checkbox"/>
/A.H./	10	PAUL BOURKE; "YCC colour space and image compression"; April 2000; 7 pages.	<input type="checkbox"/>
/A.H./	11	FREDO DURAND and JULIE DORSEY; "Fast Bilateral Filtering for the Display of High-Dynamic-Range Images"; International Conference on Computer Graphics and Interactive Techniques; 2002; pages 257 - 266.	<input type="checkbox"/>
/A.H./	12	ARMANDO FOX, STEVEN D. GRIBBLE, ERIC A. BREWER, and ELAN AMIR; "Adapting to Network and Client Variability via On-Demand Dynamic Distillation" Proceedings of the seventh international conference on Architectural support for programming languages and operating systems; 1996; pages 160 - 170.	<input type="checkbox"/>
/A.H./	13	JEFFERSON HAN and BRIAN SMITH; "CU-SeeMe VR Immersive Desktop Teleconferencing"; Proceeding of the Fourth ACM international conference on Multimedia; 1997; pages 199 - 207.	<input type="checkbox"/>
/A.H./	14	TOHRU HOSHI, KENJIRO MORI, YASUHIRO TAKAHASHI YOSHIYUKI NAKAYAMA, and TAKESHI ISHIZAKI; "B-ISDN Multimedia Communication and Collaboration Platform Using Advanced Video Workstations to Support Cooperative Work"; IEEE Journal on Selected Areas in Communications; December 1992; pages 1403 - 1412; Vol. 10, No. 9.	<input type="checkbox"/>

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/A.H./	1	20030174146	A1	2003-09-18	Michael Kenoyer	
/A.H./	2	20040183897	A1	2004-09-23	Kenoyer, et al.	

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**FOREIGN PATENT DOCUMENTS**

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/A.H./	1	"A history of video conferencing (VC) technology" <a href="http://web.archive.org/web/20030622161425/http://myhome.hanafos.com/~soonjp/vchx.html">http://web.archive.org/web/20030622161425/http://myhome.hanafos.com/~soonjp/vchx.html</a> (web archive dated 6-22-2003); 5 pages.	<input type="checkbox"/>
/A.H./	2	"MediaMax Operations Manual"; May 1992; 342 pages; VideoTelecom; Austin, TX.	<input type="checkbox"/>
/A.H./	3	"MultiMax Operations Manual"; November 1992; 135 pages; VideoTelecom; Austin, TX.	<input type="checkbox"/>

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/A.H./	9	5719540		1998-02-17	Takaoka, et al.	
/A.H./	10	5757424		1998-05-26	Ronald A. Frederick	
/A.H./	11	5831666		1998-11-03	Palmer, et al.	
/A.H./	12	6043844		2000-03-28	Bist, et al.	
/A.H./	13	6614474		2003-09-02	Malkin, et al.	
/A.H./	14	6717578		2004-04-06	Michael F. Deering	
/A.H./	15	6850565		2005-02-01	Martins, et al.	
/A.H./	16	6173069		2001-01-09	Daly, et al.	
/A.H./	17	7130446		2006-10-21	Rui, et al.	
/A.H./	18	6301370		2001-10-09	Steffens, et al.	
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/A.H./	1	5617539		1997-04-01	Ludwig, et al.		
/A.H./	2	5689641		1997-11-18	Ludwig, et al.		
/A.H./	3	5751338		1998-05-12	Lester Frank Ludwig, Jr.		
/A.H./	4	6594688	B2	2003-07-15	Ludwig, et al.		
/A.H./	5	6816904	B1	2004-11-09	Ludwig, et al.		
/A.H./	6	3542947		1970-11-24	Edward G. Thurston		
/A.H./	7	5528740		1996-06-18	Hill, et al.		
/A.H./	8	5654759		1997-08-05	Augenbraun, et al.		



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## REFERENCE DESIGNATION

## U.S. PATENT DOCUMENTS

EXAMINER INITIALS	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPRO.)
/A.H./	5,373,322	Dec. 13, 1994	Laroche et al.			
/A.H./	5,506,619	April 9, 1996	Adams, Jr. et al.			
/A.H./	5,629,734	May 13, 1997	Hamilton, Jr. et al.			
/A.H./	5,652,621	July 29, 1997	Adams, Jr. et al.			
/A.H./	3,971,065	July 20, 1976	Bayer, Bryce E.			
/A.H./	4,774,565	Sept. 27, 1988	Freeman			
/A.H./	4,642,678	Feb. 10, 1987	Cok			
/A.H./	5,373,322	Dec. 13, 1994	Laroche, et al.			
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## OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.)

		D. Darian Muresan, <a href="mailto:darian@ece.cornell.edu">darian@ece.cornell.edu</a> , Thomas W. Parks, <a href="mailto:tparks@ece.cornell.edu">tparks@ece.cornell.edu</a> , Optimal Recovery Demosaicing, 2002, 6 pages.
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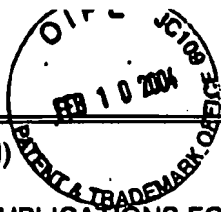
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	D. Darian Muresan, darian@ece.cornell.edu, Thomas W. Parks, tparks@ece.cornell.edu, Optimal Recovery Demosaicing, 2002, 6 pages.
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